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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,766	12/30/2003	Kang-Gyu Lee	678-1291	8719
66547 7590 08/14/2007 THE FARRELL LAW FIRM, P.C. 333 EARLE OVINGTON BOULEVARD			EXAMINER	
			PHU, PHUONG M	
SUITE 701 UNIONDALE,	NY 11553		ART UNIT	PAPER NUMBER
			2611	
			MAIL DATE	DELIVERY MODE
			08/14/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

		4	
	Application No.	Applicant(s)	
Office Action Commence	10/748,766	LEE, KANG-GYU	
Office Action Summary	Examiner	Art Unit	
	Phuong Phu	2611	
The MAILING DATE of this communication a Period for Reply	ppears on the cover sheet w	ith the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REF WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory perior. - Failure to reply within the set or extended period for reply will, by stat Any reply received by the Office later than three months after the ma earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNI 1.136(a). In no event, however, may a od will apply and will expire SIX (6) MOI	CATION. reply be timely filed NTHS from the mailing date of this communication.	
Status			
1) Responsive to communication(s) filed on <u>07</u>	June 2007.		
Annua.	nis action is non-final.		
3) Since this application is in condition for allow			
closed in accordance with the practice unde	r <i>Ex parte Quayle</i> , 1935 C.[). 11, 453 O.G. 213.	
Disposition of Claims			
4) Claim(s) <u>1 and 3-7</u> is/are pending in the app 4a) Of the above claim(s) is/are withdo			
5) Claim(s) is/are allowed.	dan nom consideration.	•	•
6) Claim(s) is/are rejected.			
7) Claim(s) <u>1 and 3-7</u> is/are objected to.			
8) Claim(s) are subject to restriction and	l/or election requirement.	·	
Application Papers			
9)☐ The specification is objected to by the Exami	ner.		
10) The drawing(s) filed on is/are: a) □ a	ccepted or b) Objected to	by the Examiner.	
Applicant may not request that any objection to the	ne drawing(s) be held in abeya	nce. See 37 CFR 1.85(a).	
Replacement drawing sheet(s) including the corre			
11) The oath or declaration is objected to by the	Examiner. Note the attache	d Office Action or form PTO-152.	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreignal All b) Some * c) None of:	gn priority under 35 U.S.C.	§ 119(a)-(d) or (f).	
1. Certified copies of the priority docume	nts have been received.		
Certified copies of the priority docume	nts have been received in A	pplication No	
Copies of the certified copies of the pr	iority documents have beer	received in this National Stage	
application from the International Bure	` ''		
* See the attached detailed Office action for a li	st of the certified copies not	received.	
Address manual(n)	•		
Attachment(s) Description Notice of References Cited (PTO-892)	. ∧ □	Summon (DTO 442)	
P) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(Summary (PTO-413) s)/Mail Date	
B) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	5) Notice of I	nformal Patent Application	

U.S. Patent and Trademark Office PTOL-326 (Rev. 08-06) Art Unit: 2611

DETAILED ACTION

1. This Office Action is responsive to the Amendment filed on 6/7/07. Accordingly, claims 1 and 3-7 are currently pending; and claim 2 is canceled.

Claim Objections

2. Claims 1 and 3-7 are objected to because of the following informalities:

-Claim 1, lines 11-14, recites the limitation "storing the received PDU if the TSN of the received PDU is within a predetermined range even though the TSN of the received PDU is smaller than the TSN of the PDU at the upper edge of the received window *in the reordering buffer*". The phrase "the reordering buffer" is lack of antecedent basis. In addition, it is unclear whether the claim means that the "storing the received PDU" stores "the received PDU" in "the reordering buffer" or that "the received window" is in "the reordering buffer". Based on the disclosure, figure 6A, and page 14, line 15 to page 15, line 14, of the instant application, it is suggested the limitation to be changed to --storing the received PDU *in a reordering buffer* if the TSN of the received PDU is within a predetermined range even though the TSN of the received PDU is smaller than the TSN of the PDU at the upper edge of the received window --.

-Similarly, in claim 5, lines 9-12, the limitation "storing the received PDU if the TSN of the received PDU is within a predetermined range even though the TSN of the received PDU is smaller than the TSN of the PDU at the upper edge of the received window *in a reordering buffer*" is suggested to be changed to --storing the received PDU *in a reordering buffer* if the TSN of the received PDU is within a predetermined range even though the TSN of the received PDU is smaller than the TSN of the PDU at the upper edge of the received window --.

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-Claim 5 omits functional/connectional interrelationship of element "buffer", (see line 13), and element "HARQ (Hybrid Automatic Retransmission request) entity", (see line 5). The omission renders the claim unclear on how the operation(s) or result(s) of one of the elements "buffer" and "HARQ (Hybrid Automatic Retransmission request) entity" affect operation(s) or results(s) of the other for making the claimed "receiver" as a complete operative device. Based on the disclosure, figure 6A, and page 14, line 15 to page 15, line 14, of the instant application, it is suggested the limitation "a buffer", on line 13, to be changed to --the reordering buffer--.

-Claims, depended on the above claims, are therefore also objected.

Appropriate correction is required.

Allowable Subject Matter

3. Claims 1 and 3-7 would be allowable if rewritten or amended to overcome the objection(s), set forth in this Office action.

Response to Arguments

4. Applicant's arguments filed on 6/7/07 have been fully considered. As results, the previous rejections have been withdrawn. Claims 1 and 3-7 are indicated allowable as set forth above in this Office Action.

Conclusion

5. This application is in condition for allowance except for the above formal matters.

Prosecution on the merits is closed in accordance with the practice under *Ex parte*Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong Phu whose telephone number is 571-272-3009. The examiner can normally be reached on M-F (8:00 AM - 4:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571-272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Phuong Phu Primary Examiner Art Unit 2611

Phuong Phu 8/9/07

PHUONG PHU PRIMARY EXAMINER